Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1.　　(withdrawn) An extract of black tea comprising theaflavin-3-gallate and theaflavin-3'-gallate.

Claim 2.　　(withdrawn) A composition comprising the extract of claim 1 in combination with at least one other compound selected from a rosemary extract, a Mexican Bamboo extract, a Huzhang extract, resveratrol, a green tea extract, an orange peel extract, or a hydroxylated or methoxylated resveratrol analog.

Claim 3.　　(withdrawn) A method for inhibiting tumor cell growth in an animal comprising administering to an animal the extract of claim 1.

Claims 4-5.　(canceled)

Claim 6.　　(currently amended) A method for [preventing or] treating a disease or a condition in an animal by modulating Cox-2 gene expression, the method comprising administering to the animal a composition comprising black tea extract which comprises theaflavin-3-gallate and theaflavin-3'-gallate mixture, wherein said mixture is present in an amount sufficient to modulate the Cox-2 gene expression wherein the disease or condition is selected from the group consisting of cancer, inflammation and arthritis.

Claim 7.　　(previously presented) The method of claim 6 wherein the disease or condition is cancer.

Claim 8.   (previously presented) The method of claim 7, wherein the cancer is colorectal cancer.

Claim 9.   (previously presented) The method of claim 8, wherein the composition further comprises an orange peel extract.

Claim 10.   (withdrawn) The method of claim 6 wherein the disease or condition is inflammation.

Claim 11.   (withdrawn) The method of claim 6, wherein the disease or condition is arthritis.

Claim 12.   (currently amended) A method for [preventing or] treating a disease or a condition in [a] an animal by modulating Cox-2 gene expression, the method comprising administering to the animal a composition comprising theaflavin-3-gallate and theaflavin-3'-gallate mixture, wherein said mixture is present in an amount sufficient to modulate the Cox-2 gene expression wherein the disease is selected from the group consisting of cancer, inflammation and arthritis.

Claim 13.   (previously presented) The method of claim 12 wherein the disease or condition is cancer.

Claim 14.   (previously presented) The method of claim 13, wherein the cancer is colorectal cancer.

Claim 15.   (previously presented) The method of claim 13, wherein the composition further comprises an orange peel extract.

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Claim 16.   (withdrawn) The method of claim 12 wherein the disease or condition is inflammation.

Claim 17.   (withdrawn) The method of claim 12, wherein the disease or condition is arthritis.

Claim 18.   (withdrawn) A method for modulating Cox-2 gene expression in a human in need thereof, the method comprising administering an effective amount of a composition which comprises theaflavin-3-gallate and theaflavin-3'-gallate such that modulation of the Cox-2 gene expression occurs.

Claim 19.   (withdrawn) The method of claim 18, wherein the human has cancer.

Claim 20.   (withdrawn) The method of claim 19, wherein the cancer is colorectal cancer.

Claim 21.   (withdrawn) The method of claim 18, wherein the human has inflammation.

Claim 22.   (withdrawn) The method of claim 18, wherein the human has arthritis.

Claim 23.   (withdrawn) A method for modulating Cox-2 gene expression in a cell comprising administering to the cell a composition comprising black tea extract capable of modulating Cox-2 gene expression in an amount sufficient such that a change in Cox-2 gene expression is achieved.

Claim 24.   (withdrawn) The method of claim 23, wherein the composition further comprises an orange peel extract.

Claim 25.   (withdrawn) A method for modulating Cox-2 gene expression in a cell comprising contacting the cell with a composition comprising a mixture of theaflavin polyphenols comprising theaflavin-3-gallate and theaflavin-3'-gallate such that modulation of Cox-2 gene expression occurs.

Claim 26.   (withdrawn) The method of claim 25, wherein the composition further comprises an orange peel extract.

Claim 27.   (withdrawn) A method for inhibiting growth of cancerous cells linked to Cox-2 gene expression comprising contacting said cells with a composition which comprises theaflavin-3-gallate and theaflavin-3'-gallate such that inhibition of Cox-2 gene expression in said cells occurs.

Claim 28.   (withdrawn) The method of claim 27, where in said cells are colon cells.

Claim 29.   (withdrawn) The method of claim 28, wherein the composition further comprises an orange peel extract.

Claim 30.   (new) A method for treating a disease or a condition in an animal by modulating Cox-2 gene expression, the method comprising administering to the animal a composition comprising theaflavins consisting essentially of theaflavin-3-gallate and theaflavin-3'-gallate mixture, wherein said mixture is present in an amount sufficient to modulate the Cox-2 gene expression wherein the disease or condition is selected from the group consisting of cancer, inflammation and arthritis.

Claim 31.   (new) The method of claim 30 wherein the disease or condition is cancer.

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Claim 32. (new) The method of claim 31, wherein the cancer is colorectal cancer.

Claim 33. (new) The method of claim 32, wherein the composition further comprises an orange peel extract.

Claim 34. (new) A method for treating a disease or a condition in an animal by modulating Cox-2 gene expression, the method comprising administering to the animal a composition consisting essentially of theaflavin-3-gallate and theaflavin-3'-gallate mixture, wherein said mixture is present in an amount sufficient to modulate the Cox-2 gene expression wherein the disease is selected from the group consisting of cancer, inflammation and arthritis.

Claim 35. (new) The method of claim 34 wherein the disease or condition is cancer.

Claim 36. (new) The method of claim 35, wherein the cancer is colorectal cancer.

Claim 37. (new) The method of claim 35, wherein the composition further comprises an orange peel extract.